

**REMARKS**

Claims 1-10 remain in the application, claim 11 having been canceled. Reconsideration of the application and allowance of all claims are respectfully requested in view of the above amendments and the following remarks.

The prior art rejections are respectfully traversed for the reasons set forth below.

The present invention comprises a differential amplifier having one output terminal DC coupled to one side of a semiconductor laser and the other output terminal AC coupled to the other side of the semiconductor laser. In Schrodinger et al, both output terminals of the differential amplifier are AC coupled to the respective sides of the laser. The capacitor C1 is in series in the connection of one output terminal to the laser, and the capacitor C2 is in series in the connection to the other side of the laser. In reading the claim language on Schrodinger et al, the examiner describes the differential amplifier as being direct coupled through the coil L1, but has ignored the capacitor C1. Because of the capacitor C1, there is no direct connection to the laser, and the rejection is not supportable.

The remaining references do not supply the teaching missing in Schrodinger et al. there is simply no teaching of having one output of an amplifier AC coupled to one side of the laser and the other output DC coupled to the other side of the laser.

For the reasons given above, it is submitted that the invention is neither shown nor suggested in the art of record, and allowance of all claims is respectfully requested.

AMENDMENT UNDER 37 C.F.R. § 1.111  
U.S. APPL. NO. 10/760,397

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

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